

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application.

**Listing of Claims:**

- 1-2. (CANCELLED)
3. (CURRENTLY AMENDED) A method as claimed in claim ~~1 or 2~~ 5 wherein the kallikrein 13 is detected using antibodies specifically reactive with kallikrein 13 or a part thereof.
4. (CANCELLED)
5. (CURRENTLY AMENDED) A method for detecting or screening a subject for endocrine cancer comprising:
  - (a) obtaining a biological sample from a subject;
  - (b) detecting the amount of kallikrein 13 in said sample; and
  - (c) comparing said amount of kallikrein 13 detected to a predetermined standard, where detection of a level of kallikrein 13 that is significantly different than that of a standard is indicative of endocrine cancer.
6. Cancelled
7. (CURRENTLY AMENDED) A method for monitoring the progression of endocrine cancer in a ~~patient~~ subject, the method comprising:
  - (a) detecting in a sample from the [patient] subject at a first time point, kallikrein 13;
  - (b) repeating step (a) at a subsequent point in time; and
  - (c) comparing levels detected in steps (a) and (b), and thereby monitoring the progression of endocrine cancer.
8. (CURRENTLY AMENDED) A method of claim 5 for screening a subject for endocrine cancer comprising:

- (a) incubating a biological sample from the subject with a first antibody specific for kallikrein 13 which is directly or indirectly labeled with a detectable substance, and a second antibody specific for kallikrein 13 which is immobilized;
- (b) detecting the detectable substance thereby quantitating kallikrein 13 in the biological sample; and
- (c) comparing the quantitated kallikrein 13 with levels for a predetermined standard.

9. (CURRENTLY AMENDED) A method of claim 5 for determining the prognosis of ~~an individual~~ a subject with ovarian cancer comprising:

- (a) contacting an amount of an antibody which binds to ~~[[a]]~~ kallikrein 13 ~~protein~~, with a sample from the ~~patient~~ subject so as to form a complex comprising the antibody and kallikrein 13 ~~protein~~ in the sample;
- (b) determining or detecting the presence or amount of complex formation in the sample;
- (c) comparing the amount of kallikrein 13 present in the sample with the amount of kallikrein 13 in a control, wherein a higher amount of kallikrein 13 in the sample compared with the amount in the control is indicative of a favourable prognosis, in particular, early stage disease, no residual tumor, optimal debulking success, longer PFS and/or OS.

10. (CURRENTLY AMENDED) A method of ~~any preceding~~ claim 5 which further comprises detecting one or more of human stratum corneum chymotryptic enzyme (HSCCE), haptoglobin alpha, osteopontin, kallikrein 2, kallikrein 3, kallikrein 4, kallikrein 5, kallikrein 6, kallikrein 8, kallikrein 10, kallikrein 11, kallikrein 14, kallikrein 15, CA125, CA15-3, CA19-9, OVX1, lysophosphatidic acid (LPA) or carcinoembryonic antigen (CEA).

11. (CURRENTLY AMENDED) A method for assessing the potential efficacy of a test agent for inhibiting endocrine cancer in a ~~patient~~ subject, the method comprising comparing: (a) levels of kallikrein 13 in a first sample obtained from a ~~patient~~ subject and exposed to the test agent; and (b) levels of kallikrein 13 in a second sample obtained from the ~~patient~~ subject, wherein the sample is not exposed to the test agent, wherein a significant difference in the levels

of expression of kallikrein 13 in the first sample, relative to the second sample, is an indication that the test agent is potentially efficacious for inhibiting endocrine cancer in the ~~patient~~ subject.

12-20. (CANCELLED)

21. (CURRENTLY AMENDED) A kit for assessing whether a ~~patient~~ subject is afflicted with endocrine cancer, the kit comprising reagents that specifically bind with kallikrein 13.

22. (CANCELLED)

23. (CURRENTLY AMENDED) A kit as claimed in claim 21 ~~or 22~~ wherein the reagents are antibodies that specifically bind with protein or protein fragments corresponding to kallikrein 13.

24. (NEW) A method of claim 5 wherein the endocrine cancer is ovarian cancer and the standard comprises normal levels of kallikrein 13 in samples of the same type obtained from control subjects not afflicted with ovarian cancer or who have kallikrein negative tumors.

25. (NEW) A method of claim 24 wherein the levels of kallikrein 13 in the sample from the subject are increased compared to the standard and are indicative of early stage ovarian cancer, no residual tumors, optimal debulking success, tumors characterized by clear cell and mucinous histotypes, and/or longer survival.

26. (NEW) A method of claim 5 further comprising detecting kallikrein 5 and/or kallikrein 11.

27. (NEW) A method of claim 25 wherein the ovarian cancer is non-serous epithelial tumors.

28. (NEW) A method of claim 9 wherein the control comprises normal levels of kallikrein 13 in samples of the same type obtained from control subjects not afflicted with ovarian cancer or who have kallikrein negative tumors.

29. (NEW) A method of claim 28 wherein the subject has a non-serous epithelial tumor.